9-3 X K1184) X ICP87440. F5 bulked progeny from an F4 single plant row. Desi-type with resistance to Ascochyta blight. Significantly more resistant to the disease than the checks. Also taller and higher yielding.

The following were developed by Solomon Kibite, Agriculture Canada, Research Station, Bag Service 5000, Lacombe, Alberta T0C 1S0, Canada. Received 06/05/1997.

PI 598081. Avena sativa L.
Cultivar. Pureline. "AC JUNIPER"; OT772. Pedigree - Dula/Cavell. Early maturing with high grain yield. Improved lodging resistance and high test weight. Average yield similar to Derby, and 1.4, 5.5 and 8% more than Cascade, Dumont and Jasper, respectively. Resistant to Victoria blight. Moderately resistant to smut. Moderately susceptible to BYDV, and susceptible to crown rust and stem rust.

The following were developed by F.M. Bourland, University of Arkansas, Dept. of Agronomy, PTSC 115, Fayetteville, Arkansas 72701, United States; C. Wayne Smith, Texas A&M University, Department of Soil and Crop Sciences, College Station, Texas 77841, United States; R.E. McGowen, Jr., Delta and Pine Land Co., Scott, Mississippi 38772, United States. Received 06/05/1997.

PI 598082. Gossypium hirsutum L.
Breeding. Pureline. ARKOT A129. GP-668. Pedigree - Cascot L7 / FTA266. Similar to DES 119 in leaf morphology and pubescence, yield, maturity, fiber length, and micronaire. Stronger fiber strength, but lower lint fraction and fiber elongation than DES 119. Resistant as DES 119 to tarnished plant bug (Lygus lineolaris) and as resistant as the resistant check to fusarium wilt (Fusarium oxysporum).

PI 598083. Gossypium hirsutum L.
Breeding. Pureline. "ARKOT A132". GP-669. Pedigree - Stoneville 825 / FTA266. Similar to DES 119 in leaf morphology and pubescence, yield, maturity, fiber length, and micronaire. Stronger fiber strength but lower lint fraction and fiber elongation than DES 119. Resistant as DES 119 to tarnished plant bug (Lygus lineolaris) and as resistant as the resistant check to fusarium wilt (Fusarium oxysporum).

The following were developed by Fred R. Miller, Texas A & M University, Department of Soil & Crop Science, College Station, Texas 77843-2474, United States. Received 05/14/1997.

PI 598084. Sorghum bicolor (L.) Moench
Breeding. Inbred. A3 100M.

PI 598085. Sorghum bicolor (L.) Moench
Breeding. Inbred. B3 100M.

PI 598086. Sorghum bicolor (L.) Moench
Breeding. Inbred. A3 90M.